

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arntson, et al. Attorney Docket No. BING-1-1005

Serial No.: 10/606,473 Group Art Unit: 3721

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Title: APPARATUS AND METHODS FOR MANUFACTURING OPERATIONS

USING NON-CONTACT POSITION SENSING

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER OF PATENTS:

AMENDMENT AND RESPONSE

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 20 of this paper.